```
Tapeworms in Anatidae in the lake Coldaniwo. Wiadomosci parazyt., Warsz. 2 no.5 Suppl:205-206.1956.

1. Zaklad Parazytologii UW.

(BIRDS, diseases, Anatidae tapeworm infect. (Pol))

(TAPEWORM INFECTIONS, epidemiology, in Anatidae (Pol))
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SZYMANKIEWICZ, E.

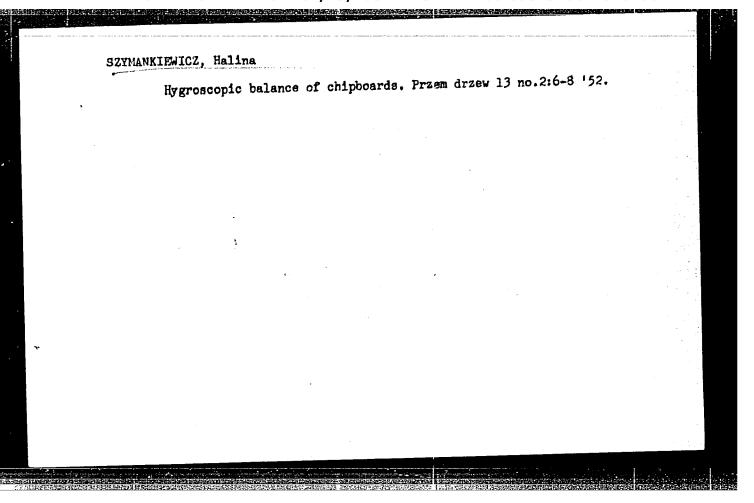
In defense of a conscientious driver. p. 138.
MOTORYZACJA. Warszawa. Vol. 10, no. 5, May 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

SZYMANKIEWICZ, EDMUND.

Poradnik posiadacza i kierowcy pojazdu mechanicznego. (Wyd. 1.) Warszawa, Wydawn. Komunikacyjne, 1957. 170 p. (Handbook for the owner and driver of a motor vehicle. 1st ed. forms, tables.)

30: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958



L 18808-63 EPA/EPF(c)/EWA(1)/EWT(m)/BDS AEDC/AFFTC/ASD/APGC/RPL Paa-4/Pr-4/Px-4 WW/JW

ACCESSION NR: AP3005963

P/0044/63/000/008/0022/0026

AUTHOR: Szymankiewicz, J., (Capt., engineer)

23

TITLE: Effect of rocket firing on the operation of turbojet engine 23

SOURCE: Wojskowy przeglad lotniczy, no. 8, 1963, 22-26

TOPIC TAGS: turbojet engine, rocket firing, fuel feed, reverse engine start, gas temperature, firing altitude

ABSTRACT: In order to obtain high thrust in a turbojet engine it is necessary to use multistage axial compressors with a high output G kg per sec and high compression with rocket firing, however, this may cause engine disturbances because the flow of combustion and explosion gases affects the engine dynamically, thermally and chemically. The temperature increase causes a drop in the total compression of the compressor which in turn causes a reduction in axial velocity at the first compression stages and an increase in the angle of incidence on the blades of these stages. This causes an automatic drop in the engine rotational velocity, and an increase in the fuel feed to the combustion chamber.

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L 18808-63 ACCESSION NR: AP3005963

Moreover, rocket firing causes in a chamber a reduction in oxygen content from 21% to 15-18% which results in a rapid deterioration of the combustion process. In order to counteract this during rocket firing it is not enough to select the optimum places of armament location as its being done in fighter aircraft. There are two generally used methods: 1) a system permitting a sudden shorttime lowering of the amount of fuel fed to the combusion chamber, and 2) a system of total interruption of fuel feed with an automatic reverse engine start. When the first method is used, the temperature of combustion gases ahead of the turbine is lowered and the operating point on the compressor characteristic is moved from the region which is on the border of nonstable operation toward small compression values. This is shown on Figure 2 of Enclosure 1. The operation of the combustion chamber and the reheater also becomes more stable. This method, however, can not be used without limitations. It is because at fights close to the ceiling of the aircraft the required fuel expenditures become smaller, reaching the minimum values at which normal operation of the engine is possible. This is shown on Figure 3 of Enclosure 2. The second method is known as the reverse starting method. It is often used when firing at altitudes greater than the aircraft ceiling. This system

Card 2/6

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requires that there be: a transmitter for connecting into the circuit the arrangement for interruption and start; a starting pump for regulating fuel expenditure according to air pressure at entrance to combustion chamber; an arrangement to feed oxygen into starter igniters; an electrical ignition circuit giving an assurance that the fuel misture will ignite at high air pressures and high rotational speeds. This method restores the output range in 10-12 sec. without pilot's interference. There are other methods counteracting the effect of rocket firing. Orig. art. has 3 figures and 2 formulas.

ASSOCIATION: none ·

SUBMITTED: 00

DATE ACQ: 26 Aug63

ENCL: 02

SUB CODE: AE, PR

NO REF SOV: 000

OTHER: 000

Card 3/6

SZYMANKIEWICZ, Z., GUNTHER, M.

"Quantum physics. p. 210." (FIZYKA I CHEMIA), Vol. 6, no. 4, July/Aug. 1953, Warszawa, Poland

So: Monthly List of East European Accessions L. C. Vol. 2, No. 11, Nov. 1953, Uncl.

MALACHOWSKA, I.; SOKOLOWSKA, A.; SZYMANOWSKA, H.

Method of therapy of infant diarrheas with associated aureomycin and antistine and effect of the therapy on bacterial flora, Med. dosw. mikrob. 5 no.3:374-375 1953. (CIML 25:5)

1. Warsaw.

SZYMNOWSKA, Z. JUnideal (in case); Given Named

Country: Poland

Academic Degrees: /not given/

Affiliation: Biochemistry Department of the Hematology Institute (Zaklad Biochemii Instytute Hematologii), Warsaw

Source: Warsaw, Przeglad Lekarski, No 5, 1961, pp 193-194.

Data: "Electrophoretic Determination of Foetal Hemoglobin"

Co-authors:

MURAWSKI, K, Biochemistry Department of the Hematology Institute, Warsaw Z.KRZEWSKI, K, Biochemistry Department of the Hematology Institute, Warsaw

SZYMANOWSKA, Z.; MURAWSKI, K.

Electrophoretic separation of ∞A and β B chains of human haemoglobin. Postepy blochem. 8 no.4:579-580 ¹62.

1. Z Zakladu Biochemii Instytutu Hematologii w Warszawie. (HEMOGLOBIN)

SZYMANOWSKA, Zofia; POSZWINSKI, P.; MURAWSKI, K.; ZAKREWSKI, K.

Human serum albumins in starch-gel electrophoresis. Acta biochim. polon. 9 no.2:183-188 '62.

1. Department of Biochemistry and the Blood Derivatives Division, Institute of Haematology, Warszawa.

(SERUM ALBUMIN chem) (EIECTROPHORESIS)

SZYMANOWSKA, Zofia

中国的企业的企业,但是这种企业的企业的企业,但是是是一种企业的企业的企业的企业的企业的企业。 1990年中国的企业的企业的企业,但是是是一种企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业。

Infrared spectrophotometric determination of M-inositol. Acta physiol. Pol. 13 no.1:205-215 '62.

1. Z Zakladu Chemii Fizjologicznej AM w Warszawie Kierownik; prof. dr J. Heller Z Zakladu Fizyki Ogolnej "A" Politechniki w Warszawie Kierownik: prof. dr W. Szymanowski.

(INOSITOL chem) (SPECTROPHOTOMETRY)
(INFRARED RAYS)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754610012-4"

MURAWSKI, Krzysztof; WALD, Ignacy; SZYMANOWSKA, Zofia

Serum haptoglobins in hepatolenticular degeneration. Pol. arch. med. wewnet. 32 no.8:965-969 162.

1. Z Instytutu Hematologii w Warszawie Dyrektor: doc. dr med. A. Trojanowski z Instytutu Psychoneurologicznego w Pruszkowie Dyrektor: prof. dr med. Z.W. Kuligowski.

(HEPATOLENTICULAR DEGENERATION) (HAPTOGLOBINS)

CENDROWSKI, Wojciech; MURAWSKI, Krzysztof; SZYMANOWSKA, Zofia

Haptoglobins and blood groups in familial multiple sclerosis. Neurol. neurochir. psychiat. pol. 13 no.2:183-188 '63.

1. Z Oddzialu Neurologicznego Instytutu Psychoneurologicznego w Pruszkowie Dyrektor: prof. dr med. Z.W. Kuligowski i z Zakladu Biochemii Instytutu Hematologii w Warszawie Dyrektor: doc. dr med. A. Trojanowski.
(HAPTOGLOBINS) (BLOOD GROUPS)

(RH FACTORS) (MULTIPLE SCIEROSIS) (GENETICS, HUMAN)

FOLLIO

SITKOWSKI, W., PLOCKER, L. and SHYMMOWSKI, J.; Radiological Laboratory. City Hospital No 5 (Z Precowni Radiologicznej Szpitala Miejskiego Nr 6); The Gestrological Clinic (Z Kliniki Gestrologicanej); The Second Surgical Clinic, Depertment of Training of Physicisms (Z II Kliniki Chirurgicznej Studium Donkonnienia Lakarry) (Wareau).

"Successful K-ray Treatment in Vicerative Colitie, Report of Three Cases."

Versey, Poloki Tigodnik lekeroki, Vol 17, No 52, 24 Sec 52, pp 2040-2043

abstract: / Authors' English summary modified / In the 3 severe cases of ulcerative collitie the irrediction of the abdomen was started after all the therapeutic possibilities had failed. One of the patients (a female, No 2) was efter left-side hemicolectomy, however, persistant diarrhes with large amount of blood-stained micros-purulent excrets was observed. The A-ray treatment was successful in all three cases, A series of 12 irradistions to be performed twice a week (25% measured in air on the whele abdominal savity at a distance of Sorm, the fulter 0.5 (% and 1.0 Al, the voltage LEO kg), constitutes the suggested treatment, Six weeks after the series is finished 4-6 additional seamces should be performed at weakly intervals. The chest, spleen and in men the testicles were protected, The article contains four photographs and one reference.

1/1

P/035/60/000/023/003/006 A076/A026

AUTHORS:

Szymanowski, Mieczysław, Master of Engineering; Wolny, Marian,

Engineer

TITLE:

Pitting on Nitrided Sliding Surfaces of Cylinder Bushings in Internal

Combustion Engines

PERIODICAL:

Przeglad Mechaniczny, 1960, No. 23, pp. 698 - 700

TEXT: The article describes tests made in order to determine the cause of pit formation on nitrided sliding surfaces of cylinder bushings made of steel type 38 HMJ. A great number of pits, some of them 1.0 mm/diameter, was noted on sliding surfaces of cylinder bushings. These bushings are produced by forging and after machining and hardening, were nitrided in two stages to a depth of 0.55 to 0.85 mm, according to following specifications: first stage - temperature 510 ± 10°C, hardening time 20 hours, ammonia dissociation 20 to 35%; second stage - temperature 540 ± 10°C, hardening time 35 to 50 hours, ammonia dissociation 40 to 55%. Pit formation was noted after the polishing depth of 0.15 mm was reached. The hardness of the nitrided surface was 800 - 850 HV and after polishing 700 - 630 HV. Core hardness ranged from 32 - 37 HRC. A number of nitrogen hardening tests were made under variable conditions and no pitting was noted if the following parameters were Card 1/2

P/035/60/000/023/003/006 A076/A026

Pitting on Nitrided Sliding Surfaces of Cylinder Bushings in Internal Combustion Engines

applied. Two-stage nitrogen hardening: for the first stage temperature should be 510 $^+$ 5°C, hardening time 25 hours, ammonia dissociation 20 - 30%, for second-stage: temperature 525 $^+$ 5°C, hardening time 50 - 60 hours, ammonia dissociation 25 - 40%. In case where single-stage hardening is necessary the following parameters should be adhered to: temperature 515 $^+$ 5°C, hardening time 75 - 85 hours, ammonia dissociation 25 - 40%. In both cases ammonia pressure was 50 $^+$ 10 mm of water head. Ammonia was cooled off with silica gel and hardness of nitrided surface was 940 - 980 HV. In their conclusion the authors point out: pit formation arises due to crumbling of grain during the polishing process; micro-cracks appear where nitrogen grids are formed; the cause of nitrogen-grid formation is a much too high hardening temperature, i.e. 540 - 550°C. There are 6 photographs, 1 table, 1 figure and 2 references: 1 Polish and 1 Soviet.

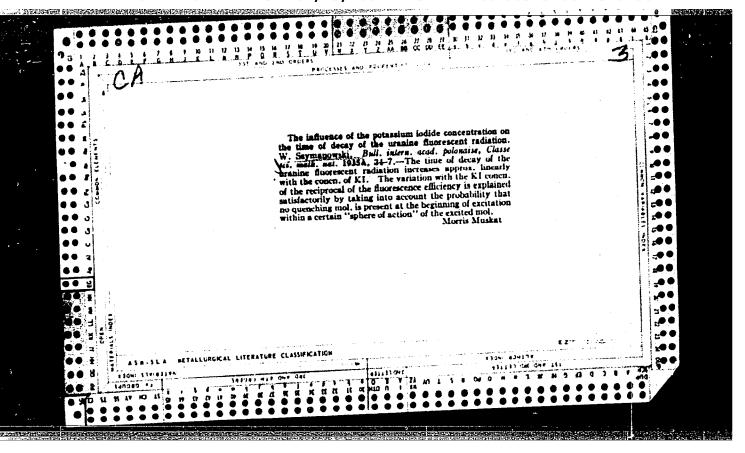
ASSOCIATION: WSK, Kalisz (WSK, Kalisz)

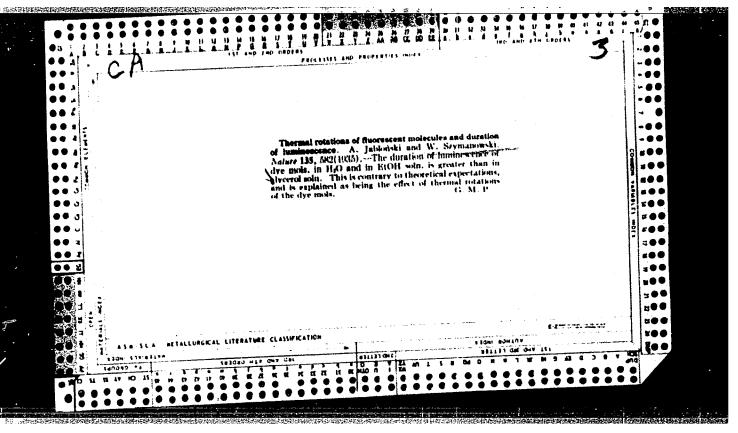
Card 2/2

SZYMANOWSKI, TADEUSZ.

Drzewa ozdobne. (Wyd. 1. Warszawa) Arkady, 1957. 537 p. (Decorative trees. 1st ed. chiefly illus., bibl., index)

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958





POLAND/Optics - Spectroscopy

K-7

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 6816

Author : Szymanowski W., Wisniewski R., Golebiowski R., Olszewska I. Inst : Warsaw Technical University, Poland

Title : Application of Pressed Powder Methods to the Investigations

of Infrared Absorption Spectra of Solids

Orig Pub : Bull. Acad. polon. sci. Ser. sci. mat., astron. et phys.,

1958, 6, No 3, 223-231, XVII

Abstract: The applicability of the method of pressed powders to various

inorganic and organic solid bodies is considered. From the infrared spectra of many specimens, pressed in a vacuum apparatus constructed by the authors, the following is shown:

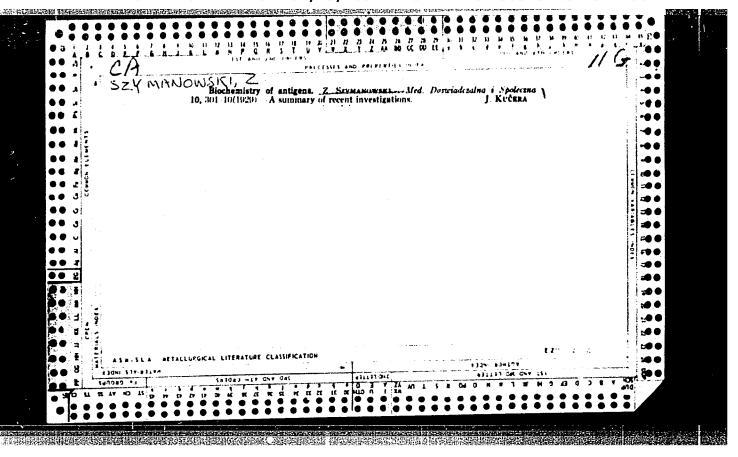
1. Samples of barium titanate, which exhibits strong ferroalectric properties prior to pulverization, and samples of barium titanate obtained in powder form, have the same absorption spectra with bands at 545 and approximately 420 cm⁻¹. 2. Polystryrol, pressed with potassium bromide, has essentially the same absorption spectrum in the infrared

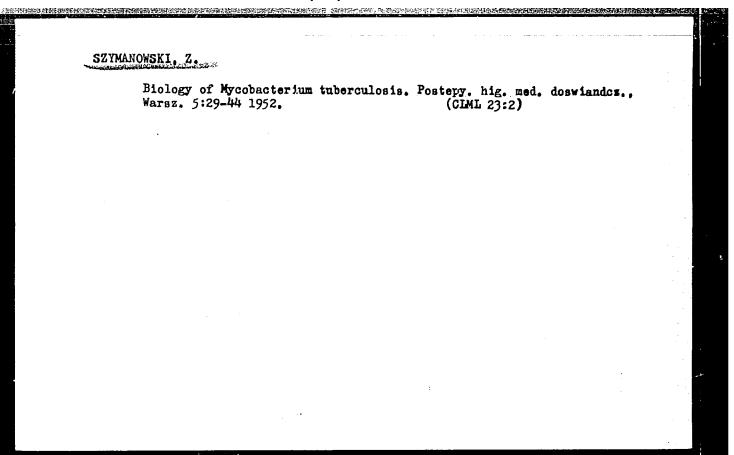
Card : 1/2

104

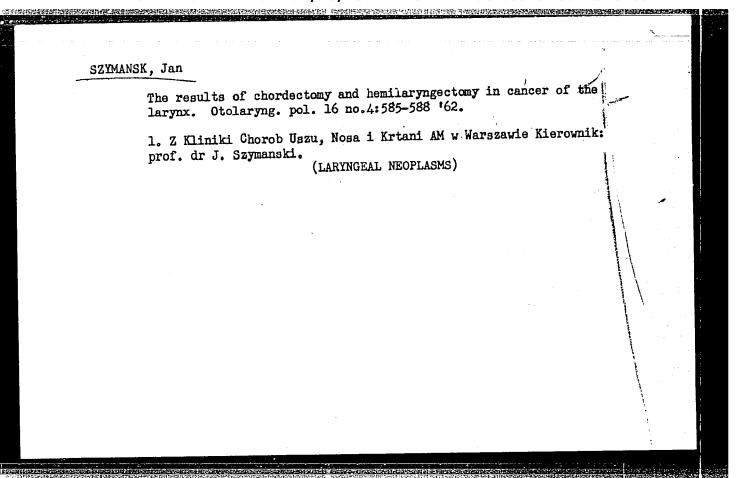
SOKOLOWSKI, M.; SZYMANOWSKI, W. Electrophotography on macromolecular substances. Bul Ac Pol mat 8 no.3:191-194 *60. (EEAI 9:11) 1. Physical Laboratory A, Technical University, Warsaw. Fresented by W.Rubinowicz. (Xerography) (Macromolecular compounds) (Photoconductivity)

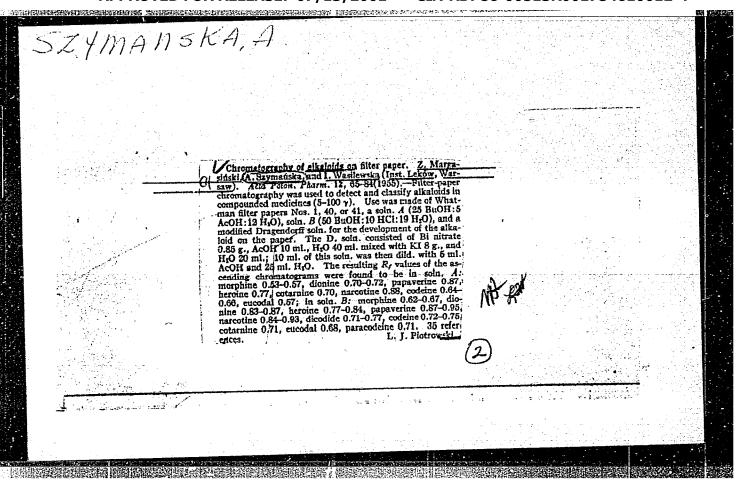
CZUCIAJOUSKI, L. SHELLE [in ca, p] Given Reman Country: Poland Acainle Degree: Not stated Actiliation: Soe below Unraw, Bullotin de l'Académie Polomiace des Sciences Serie des Sciences inthémiténeur, écrionentaires Prossad Powder Method," Prossad Powder Method," Co-Authors: (Academie degrees not stated) (LASON, N. KUANDSKI, A. OLSZEWSKI, I. GOMALCZYK, A. 1/2	Coutry: Academic Degrees: Academic Degrees: Academic Degrees: Academic Degrees: Academic Degrees: Academic Degrees: Accident of Golden State of Militations are given for the author and five co-muthors, with no indication gource: to whom these nffillations belong: Department of Golden Physics "A", Technical University, Warsawa (Katedra Pizyki Ogólnes, "A", Politachnikn Warsawaka) Department of Hining Chomistry, School of Mining and Hefallurgy, Choow (Katedra Chemii Górniczol, Aladenia Górniczo-Hutnicaa, Kraków) Department of Hochanics of Rock Hassos, Polish Academy of Sciences (Zakfad Hochaniki Górotworu, PAM - Polska Akademy Mank)	





APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754610012-4"





SZYMANSKA, Alina; GAWECKA, Irena; REWERSKI, Wojciech

Studies on the suitability of polyvinyl alcohol for wound dressing purposes. Acta pol. pharm. 19 no.4:363-368 '62.

1. Z Instytutu Lekow w Warszawie Dyrektor: prof. dr P. Kubikowski Z Zakladu Farmakologii Akademii Medycznej w Warszawie Kierownik: prof. dr. Kubikowski.

(POLYVINYLS) (BANDAGES) (WOUNDS AND INJURIES)

SZYMANSKA, Alina; KIRKOR, Danuta; ZALEWSKI, Witold

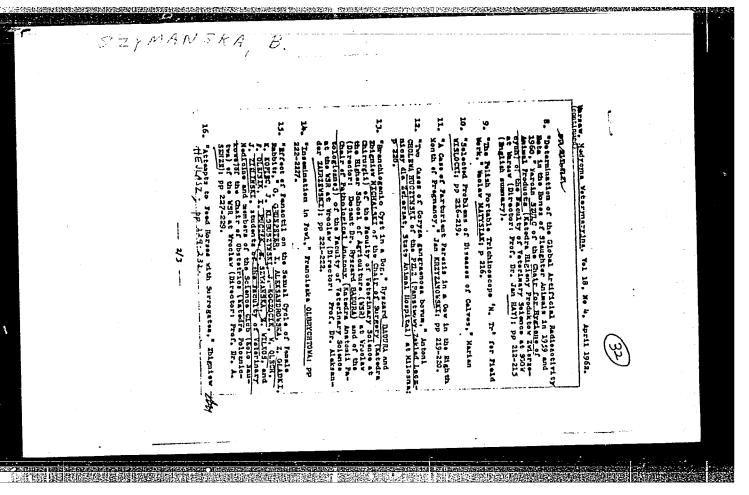
Criteria for the evaluation of the breaking resistance of Polishmade catgut. Acta pol. pharm. 19 no.5:409-415 62.

1. Z Instytutu Lekow w Warszawie Dyrektor: prof. dr P. Kubikowski. (SUTURES)

SZYMANSKA, Alina; ZALFWSKI, Witold; KIRKOR, Danuta; CHIMIAK, Wladyalaw

Studies on wound dressing adhesives. Acta Pol. pharm. 21 no.1:99-104 164.

1. Z Samodzielnej Pracowni Materialoznawstwa Medycznego Instytu Lekow w Warszawie (Kierownika mgr inz. A. Szymanska).



SZYMANSKA, Danety

Studies on the possibilities of obtaining molybenum and uranium from carbonaceous uranium ore. Nikleonika 9 no.9: 762-764 [ch.

1. Department of Chemical Technology, Estitute of Nuclear Research Polish Academy of Sciences, Varsaw.

SZYMANSKA D. I.

CHOJECKI Z. and SZYMANSKA D. I. Klin. Chor. Wewn. Akad. med. z. Zakl. Anat. pat., Akad. med., Warszawa. *Przypadek siatkowiakomiesaka w przebiegu przewleklej bialaczki szpikowej. Reticulosarcoma in the course of chronic myelogenous leukaemia POLSK. TYG. LEX. 1953, 8/37-39 (1263-1265) Illus. 5

A woman of 27 had been treated for the last 3 yr. with nitrogen-mustard, urethan, splenectomy and X-ray, as typical myelogenous leukaemia was diagnosed. In the course of the last reimission there suddenly appeared tumours in various places and monocytoid cells in the peripheral blood (to 84%). The white blod count rose to 39h,000 per cu. mm. Reticulosaraoma was diagnosed by biopsy and c nfirmed at the post-mortem examination.

Gibinsky - Bytom (VI, 5, 16)

SO: EXCERPTA MEDICA, VOL. 8 No. 6, Section VI, June 1954

SZYMANSKI, Szczesny Leszek; SZYMANSKA, Damita

Experimental comparative studies on clinical value and on effects on internal organs of domestic and foreign contrast media used in roentgenodiagnosis. Postepy radiol. Vol.1:125-141 1954.

1. Z Instytutu Doskonalenia i Specjalizacji Kard Lekarskikh.
Dyrektor; prof. dr. med. M.Kacprzak Z Zakladu Radiologii. Lekarskiej
A.M. w Warszawie. Kierownik: prof. dr. med. W. Zawadowski. i z
Zakladu Anatomii patologicznej A.M.w Warszawie. Kierownik: prof. dr.
med. L. Paszkiewicz.

(CONTRAST MEDIA comparison of Polish & foreign prod.)

ORLOWSKA, Krystyna; KRAWOWSKA, Ludwika; SZYMANSKA, Danuta

Case of reticulosarcoma. Polski tygod. lek. 10 no.3:84-87 17 Jan 55.

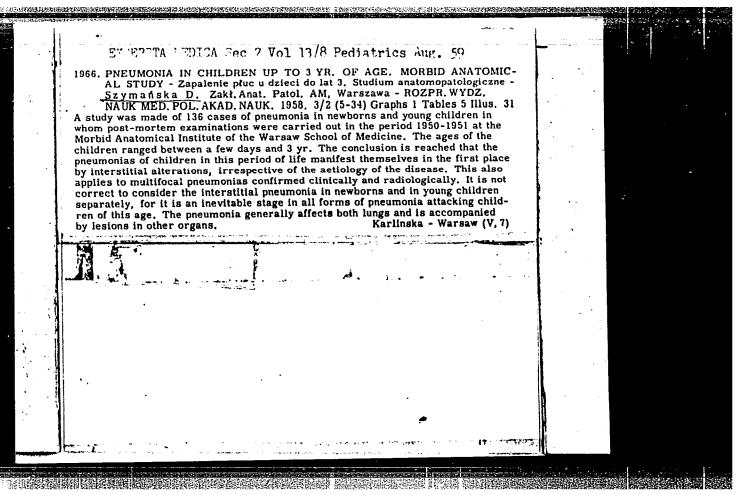
1. Z III Kliniki Chorob Wewnetrznych AMW: kierownik: prof. dr J.Wegierko i z Zakładu Anatomii Patologicznej AMW; kierownik: prof. dr L.Paszkiewicz.

(Sarcoma, RETICULUM CELL, disseminated, case report)

BIELECKI, Antoni; SZYMANSKA, Danuta

Primary cancer of the Bartholin's gland. Gin. polska 27 no.3: 285-290 May-June 56.

1. Z Kliniki Poloznictwa i Chorob Kobiecych Instytutu Maki i Dziecka w Warszawie Dyrektor: prof. dr. Fr. Groer, Kierownik Kliniki: doc. dr. J. Lesinski i z Zakladu Anatomii Patologicznej A.M. w Warszawie Kierownik: prof. dr. L. Passkiewicz.
Warszawa, ul. Olesinska 7.
(BARTHOLIN'S GLANDS, neoplasms, case report (Pol))



MASSALSKI, Wandalin; MIGDALSKA, Barbara; ODRZYWOLSKA, Anna; DABROWSKA, Haline; SZYMANSKA, Danuta

Effect of hydrazide of aspartic and glutamic acids on tubercle bacilli. II. Effect of aspartic acid hydrazide on tubercle bacilli in vitro and in vivo. Gruzlica 27 no.5:375-381 My '59.

1. Z Zakladu Chorob Wewnetrznych S.D.L. A.M. Dyrektor: prof.dr W. Hartwig i z Pracowni Biochemii Pratka, Zakladu Syntezy Lekow i Zakladu Anatomii Patologicznej Instytutu Gruzlicy. Dyrektor: prof. dr J. Misiewicz [deceased]. (MYCOBACTERIUM TUBERCULOSIS pharmacol.)

(MYC CBACTERIUM TUBERCULOSIS ph: (ASPARTIC ACID rel.opds.) (HYDRAZ IMES pharmacol.)

RAFALOWICZ, Adam; MIGDAISKA, Barbara; MULLER, Jerzy; SOLDAJ, Hermenegilda; SZYMANSKA, Damuta; WASNIEWSKA, Maria; WOLANSKA, Aniela

On diagnostic possibility of the "active" phase of rheumatic disease in the light of clinical, biochemical and histopathological studies. Report I. Behavior of aldolase, transaminase and of certain other laboratory and clinical indices in patients subjected to surgical interventions on the bicuspid valve. Polski tygod.lek.15 no. 10:329-342 7 Mr '60.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy; ordynator: prof.dr.med. Walenty Hartwig, z Oddzialu Chirurgicznego Instytutu Gruzlicy; ordynator: prof.dr.med. L. Manteuffel i z Zakladu Anatomii Patologicznej Instytutu Gruzlicy; kierownik: prof.dr.med. S. Chodkowska.

(MITRAL VALVE surg.)
(AIGOIASE blood)
(TRANSAMINASES blood)
(C-REACTIVE PROTEIN)
(ANTISTREPTOLYSIN blood)

SZYMANSKA, Danuta; RAFALOWICZ, Adam; MIGDALSKA, Barbara; MULLER, Jerzy; SOLDAJ, Hermenegild; WASNIEWSKA, Maria; WOLANSKA, Aniela

Comparison of the results of biopsy of the left auricle with clinical and laboratory data, with special consideration of the behavior of serum enzymatic activity. Part I. Histopathological lesions in samples from the left heart auricle collected during commissurotomy. Polskie arch.med.wewn. 30 no.3:403-410 '60.

1. Z Oddzialu Patologii Instytutu Gruzlicy. Kierownik: prof.dr med. S. Chodkowska. Z Oddzialu Wewn.Instytutu Gruzlicy. Kierownik: prof.dr med. W. Hartwig i z Oddzialu Chirurgii Instytutu Gruzlicy Kierownik: prof.dr med. L. Manteuffel.

(MITRAL STENOSIS pathol.)
(ENZYMES blood)

RAFALOWICZ, Adam; SZYMANSKA, Danuta: MIGDALSKA, Barbara; MULLER, Jerzy; SOLDAJ, Hermenegilda; WASNIEWSKA, Maria; WOLANSKA, Aniela

Comparison of the results of biopsy of the left auricle with clinical and laboratory data, with special consideration of the behavior of serum enzymatic activity. Part II. An attempt at evaluation of diagnostic possibilities concerning the active phase of rheumatic disease in the light of clinical, biochemical and histological investigations. Polskie arch.med.wewn. 30 no.3:411-422 '60.

1, Z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy. Ordynator: prof.dr med. W. Hartwig. Z Zakladu Anatomii Patologicznej Instytutu Gruzlicy. Kierownik: prof.dr med. S. Chodkowska i z Oddzialu Chirurgicznego Instytutu Gruzlicy. Ordynator: prof.dr med. L. Manteuffel.

(RHEUMATIC HEART DISEASE diag.)
(MITRAL STENOSIS pathol.)

HARTWIG, Walenty; RUDOWSKI, Witold; SZYMANSKA, Danuta

Sjogren's syndrome with parapreteinemia. Polski tygod. lek. 16 no.47:1820-1825 20 N '61.

1. Z I Kliniki Chorob Wewnetrznych Studium Doskonalenia Lekarzy, z Instytutu Onkologii w Warszawie i z Zakladu Patologii Instytytu Gruzlicy w Warszawie.

(SJOGREN'S SYNDROME blood) (BLOOD PROTEINS)

MASSALSKI, Wandalin; MIGDALSKA, Barbara; ODRZYWOLSKA, Anna; SZYMANSKA, Danuta; URBANSKA_DABROWSKA, Halina

Effect of hydrazides of aspartic and glutamic acids on tubercle bacilli. III. Effect of aspartic acid hydrazide on the course of experimental tuberculosis in guinea pigs and its comparison with the effect of isonicotinic acid hydrazide. Gruzlica 29 no.2:121-124 F 61.

(ASPARTIC ACID rel cpds) (ISONIAZID pharmacol) (TUBERCULOSIS exper)

WASNIEWSKA, Maria; RAFALOWICZ, Adam; MULLER, Jerzy; SZYMANSKA, Danuta; WOLANSKA, Aniela

Active rheumatism and results after commissurotomy. Polskie arch. med. wewn. 31 no.4:495-501 ¹61.

1. Z Oddzialu Chirurgicznego Instytutu Gruzlicy Ordynator: prof. dr med. L. Manteuffel, z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy Ordynator: prof. dr med. W. Hartwig i z Zakladu Anatomii Patologicznej Instytutu Gruzlicy Kierownik: prof. dr med. S. Chodkowska.

(MITRAL STENOSIS surg)

OMWALIBOG, Barbara; SERAFIN, Roman; SZYMANSKA, Danuta; ZYCH, Dobieslaw

On cases of intrapulmonary sequestration syndrome. Gruzlica 31 no.4:247-252 *63.

1. Instytut Gruzlicy Z oddzialu II Kierownik: prof. dr med.
W. Jaroszewicz Z oddzialu IX Kierownik: doc. dr med. J. Madey
Z Zakladu Patologii Kierownik: prof. dr med. S. Chodkowska
Dyrektor: prof. dr med. W. Jaroszewicz.

(LUNG DISEASES) (ABNORMALITIES)

(PNEUMONECTOMY)

NIEMIROWSKA, Hanna; SZYMANSKA, Danuta

Diagnostic difficulties in a case of palmonary sarcoidosis. Gruzlica 31 no.5:437-442 *63.

1. Z Instytutu Gruzlicy Dyrektor: prof. dr med. W. Jaroszewicz Oddzial I Kierdwnik: doc. dr P. Krakowka Oddzial Patologii Kierownik: prof. dr S. Chedkowska.

(TUBERCULOSIS, PULMONARY)

(DIAGNOSTIC, DIFFERENTIAL)

(SARCOIDOSIS) (LUNG DISEASES)

ARASZKIEWICZ, Zuzanna; PAWLICKA, Lilia; SZYMANSKA, Danuta; DYDYK, Ludomira

A case of hypertrophic tuberculosis of the cecum. Gruzlica 31 no.7:823-826 163.

1. Z Oddzialu Wewnetrznego Instytutu Gruzlicy Kierownik: prof. dr med. B. Jochweds Z Pracowni Radiologicznej Instytutu Gruzlicy Kierownik: prof. dr med. K. Ossowska Z Pracowni Anatomo-patologicznej Instytutu Gruzlicy Kierownik: prof. dr med. S. Chodkowska Z Oddzialu Chirurgicznego Instytutu Gruzlicy Kierownik: prof. dr med. L. Manteuffel Dyrektor: prof. dr med. W. Jaroszewicz.

(CECAL DISEASES) (TUBERCULOSIS, GASTROINTESTINAL)
(HYPERTROPHY AND HYPERPLASIA) (DIAGNOSIS, DIFFERENTIAL)

AUTLOR:Szyma	nska, Danuta	, .		4		
TITIA: feasib wranium ore	ility study of mol	ybdenum and ur	anium extrac	tion from car	boaized	:
SOURCE: Nukle	onika, v. 9, no. 9	, 1964, 762-76	4			
DIPIC TAGS: -	ol baenum, uranium	n, pickling, ch	emical sepa:	ation, metal	extracting	
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ASSOCIATION: Zaklad Techno Department of Chemical Te		tut Badan Jadrowych, Warsaw uclear Research)	r den
	Electric (303 30 0%: MM, GC	
BO REF SOV: 301	OTHER: DO3	JPRS	

CHWALIFOG, Barbara; PAKLERSKA-POBRATYN, Hanna; SZYMANSKA, Danuta; KULEJEWSKA, Magdalena

Possible sterilization of tuberculous pulmonary lesions with the aid of antitubercular drugs. Gruzlica 32 no.7:473-482 Je '64.

1. Z Oddzialu IC (Kierownik; doc. dr J. Madey); Z Oddzialu VIII (Kierownik; doc. dr J. Nowicki); Z Zakladu Mikrobiologii (Kierownik; doc. dr M. Buraczewska) i Z Zakladu Patologii (Kierownik; prof. dr S. Chodkowska), Instytutu Gruzlicy

NIECZAJEW, Andrzej; SZYMANSKA, Hanna

Jirgl's flocculation test in the differential diagnosis of jaundice. Polski tygod. lek. 16 no.34:1313-1315 21 Ag '61.

1. Z II Kliniki Chorob Wewnetrznych P.A.M. w Szczecinie; kierownik: prof. dr med. E. Gorzkowski.

(JAUNDICE diag) (LIVER FUNCTION TESTS)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna

Determination of the cholinesterase activity in the blood serum with "Acholest", a test paper. Polski tygod. lek. 16 no.48:1848-1849 27 N '61.

1. Z II Kliniki Chorob Wewnetrznych P.A.M. w Szczecinie; kierownik: prof. dr med. Edward Gorzkowski. (CHOLINESTERASE blood)

LAPIS, Janusz; MANDAT, Alina; RYCHLIK, Henryka; SZYMANSKA, Hanna

On the activity of certain enzymes in parenchymatous hepatitis. Polskie arch. med. wewn. 31 no.3:337-347 61.

1. Z II Kliniki Chorob Wewnetrznych P.A.M. w Szczecinie Kierownik: prof. dr med. E. Gorzkowski i z Kliniki Chorob Zakaznych P.A.M. w Szczecinie Kierownik: doc. dr med. M. Eisner.

(HEPATITIS INFECTIOUS metab) (ENZYMES metab)

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GORZKOWSKI, Edward; NIECZAJEW, Andrzej; SZYMANSKA, Hanna

On the problem of the treatment of liver cirrhosis with prednisone. Pol. tyg. lek. 17 no.30:1185-1187 23 J1 '62.

1. Z II Kliniki Chorob Wewnetrznych P.A.M.; kierownik: prof. dr med. Edward Gorzkowski. Pol. tyg. lek. 17 no.30:1185-1187 23 J1 '62. (LIVER CIRRHOSIS) (PREDNISONE)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna; przy wspoludziale laborantki WOJCIK, Barbary

On the activity of some serum enzymes in liver cirrhosis. Pol. arch. med. wewnet. 32 no.2:193-199 '62.

1. Z II Kliniki Chorob Wewnetrznych PAM w Szczecinie Kierownik: prof. dr med. E. Gorzkowski.

(LIVER CIRRHOSIS blood) (ENZYMES blood)

GORZKOWSKI, Edward; FIEDOROWICZ, Irena; SZYMANSKA, Hanna; SLIWINSKA, Halina; przy wspołudziałe laborantki MATUSZEWSKIEJ, Marii

是不是,我们就是我们就是我们就是我们的,我们就是我们的现在,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是这 我们就是我们就是我们就是我们就是我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们就是我们就是我们的人,我们

Studies on the protein metabolism in liver cirrhosis. Pol. arch. med. wewn. 32 no.10:1233-1242 '62.

1. Z II Kliniki Chorob Wewnetrznych PAM w Szczecinie Kierownik: prof. dr med. E. Gorzkowski i z Centralnego Laboratorium PSK Nr 1 w Szczecinie Kierownik: lek. med. H. Sliwinska.

(LIVER CIRRHOSIS) (BLOOD PROTEINS)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna; z wspołudzialem laborantki MATUSZEWSKIEJ, Lidii

On the activity of certain serum enzymes in obstructive jaundice. Pol. arch. med. wewn. 33 no.1:25-32 163.

1. Z III Kliniki Chorob Wewnetrznych AM w Szczecinie Kierownik: prof. dr med. E. Gorzkowski.

(ALANINE AMINOTRANSFERASE)
(BLOOD ALKALINE PHOSPHATASE)
(JAUNDICE, OBSTRUCTIVE)

(BILE DUCT NEOPLASMS)

(ASPARTATE AMINOTRANSFERASE)
(ALDOLASE) (CHOLINESTERASE)
(CHOLELITHIASIS)
(BLOOD CHEMICAL ANALYSIS)

SZYMANSKA, Hanna ; TUSTANOWSKA, Aleksandra

Attempted evaluation of the effect of prednisone on the activity of some enzymes and proteins in the blood serum. Polarch. med. wewnet. 34 no.3:307-315 *64.

1. Z II Kliniki Chorob Wewnetrznych PAM w Szczecinie (kierownik: prof.dr.med. E.Gorzkowski) i Zakladu Anatomii Patologicznej PAM w Szczecinie (kierownik: prof.dr.med. K.Stojalowski).

GORZKOWSKI, Edward; SZYMANSKA, Hanna; PAWWWK, Irena

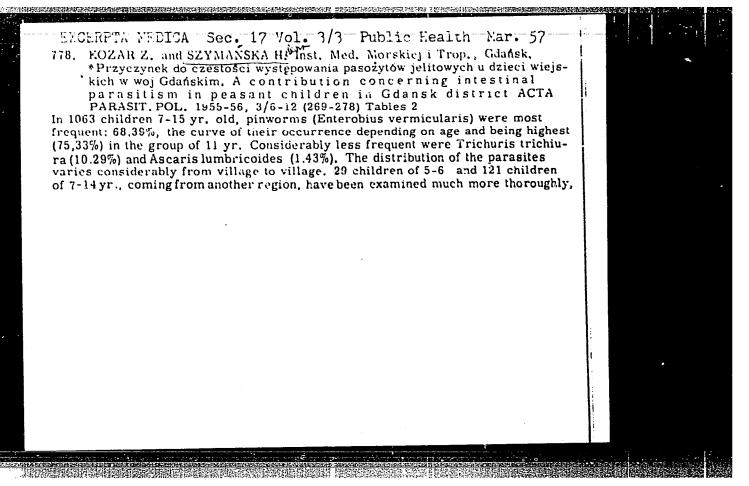
Proteins in exudates, transudates and blood serum. New tests for the differentiation of transudates from exudates. Pol. arch. med. wewnet. 34 no.7:857-865 '64.

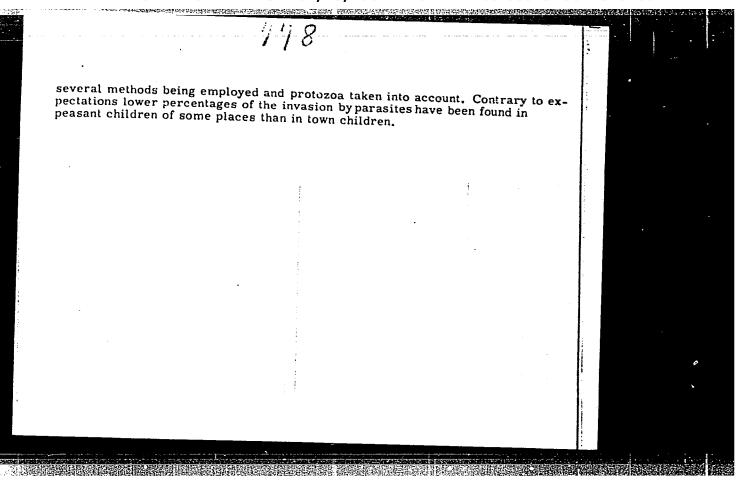
1. Z Il Kliniki Chorob Wewn. Pomorskie i Akademii Medycznej w Szczecinie (Kierownik: prof. dr. med. E. Gorzkowski).

SZYMANSKA, Hanna; MARLICZ, Krzysztof

Determination of serum beta-lipoproteins using the Burstein-Prawerman method. A new test for the differentiation of jaundice. Pol. tyg. lek. 19 no.4:127-131 27 Ja '64.

1. Z II Kliniki Chorob Wewnetrznych Pomorskiej Akademii Medycznej w Szczecinie (kierownik: prof. dr med. Fdward Gorzkowski).





KOZAR, Zbigniew; SZYMANSKA, Helena

Epidemiological investigations on intestinal parasites at a psychiatric hospital. Bull. Inst. Marine Trop. M. Gdansk 7: 169-180 1956.

1. Z Panst. Inst. Med. Mors. i Trop. w Gdansku. (HELMINTH INFECTIONS, epidemiology, survey in psychiat. hosp. (Pol))

KOZAR, Zbigniew; SZYMANSKA, Helena

Frequency of intestinal parasites in children in the Gdansk region. Bull. Inst. Marine Trop. M. Gdansk 7:179-186 1956.

1. Z Panst. Inst. Med. Mors. Trop. w Gdansku. (HELMINTH INFECTIONS, epidemiology, in Poland (Pol))

SZYMANSKA, I.; LUCZAK, J.

Adaptation of surface waters to traction purcoses of the Polish State Railroads. p. 426. (PRZEGLAD KCLEJCWY, Vol. 5, No. 11, Nov. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

SIELUZYCKI, J.; SZYMANSKA, I.

Experiment in completing the selection criteria of chemical substances for extinguishing multiphase foam. Przem chem 43 no. 2: 109 F '64.

1. Centralne Laboratorium Kopalnych Surowcow Chemicznych, Warszawa.

P/518/62/011/001/008/008 D207/D308

AUTHOR:

Szymańska, Jadwiga

TITLE:

Effect of imperfections on the temperature hysteresis

of BaTiO3

SOURCE:

Card 1/2

Poznańskie Towarzystwo Przyjaciół Nauk. Komisja

Matematyczno-Przyrodnicza. Prace. v. 11, no. 1, 1961.

Fizyka dielektryków. no. 1, 197 - 200

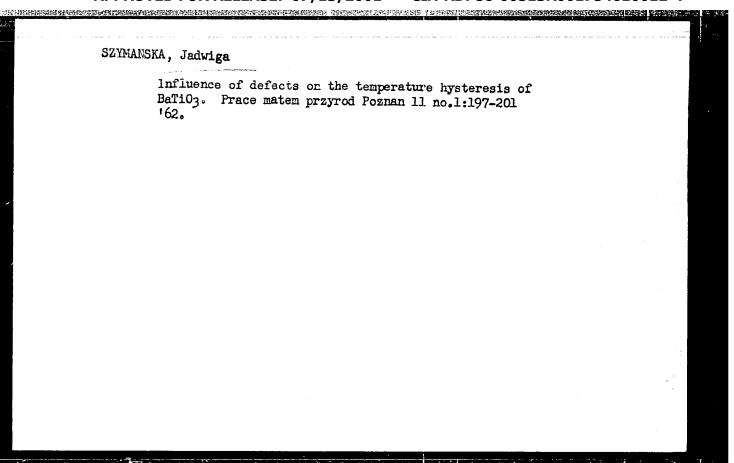
TEXT: This paper was presented on October 19, 1961, at a meeting of the Komisja Matematyczno-Przyrodnicza PTPN (Mathematical and Scientific Committee, PTPN). Ceramic disks of BaTiO3, pure and containing 1-8 % MgSnO3, were prepared by triple firing (1200 - 1380°C) and their capacitance was measured at 1 Mc/s by the resonance method. The temperature dependence of the permittivity = (T) in the range from -30 to +180°C was deduced from the capacitance. Next the author calculated the temperature hysteresis parameters, i.e. the differences between the peak permittivities ($\Delta \varepsilon = \varepsilon_{\rm r} - \varepsilon_{\rm a}$)

Effect of imperfections on the ...

P/518/62/011/001/008/008 D207/D308

and the Curie points (\triangle T = T_a - T_r) in aged (denoted by 'a') and regenerated ('r') states. BaTiO₃ was aged by not subjecting it to high temperatures, alternating electric fields, pressure, etc. for several months; it was regenerated by heating above the Curie point. For pure BaTiO₃ and BaTiO₃ + 1 % MgSnO₃ \triangle E and \triangle T were independent of the ageing period but the presence of more than 1 % MgSnO₃ made \triangle E and \triangle T rise with the duration of ageing. This was due to Mg ions which enter the perovskite lattice and being small make it easier to deform the perovskite cells. The results indicate that impurities may lengthen the orientation relaxation time of the ferroelectric domains and thus stabilize the aged state. Acknowledgements are made to Professor Doctor A. Piekara, for his advice and direction of this work, and Lecturer Dr. Z. Pajak and Dr. T. Krajewski for discussing this work. There are 3 figures.

Card 2/2



POLAND

KLECZENSKI, A., CIESLINSKA, A., and SZYMANSKA, J., Second Clinic of Internal Disesses (II Klinika Chorob Wewnetrznych), AM [Akadomia Medyczna, Medical Academy] in Wroclaw (Director) Prof. Dr. A. FALKIRWICZ)

"Comparative Polarographic and Electrophoretic Studies of Serum Protein Pattern."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 10, 4 Mar 63, pp 343-345.

Abstract: [Authors' English summary] Comparative plane-graphic (Brdicka test) and electrophoretic studies on the serum protein pattern were performed. A correlation between the height of the polarographic wave and the amount of alpha2-globulins was observed. Of the 10 references, five are Polish, three German, and one each Chech and English.

1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754610012-4"

BRATKOWSKA SENIOW, Barbara; CHECINSKA, Zofia; SZYMANSKA, Janina

Immunoelectrophoretic picture of the blood serum in liver cirrhesis. Polskie arch. med. wewn. 31 no.7:929-933 '61.

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu Kierownik: prof. dr med. A. Falkiewicz.

(LIVER CIRRHOSIS blood) (BLOOD PROTEINS)

MAJCHERCZYK, J.; SZYMANSKA, J.

Studies on hypotensive effect of Veratrum album. Acta Poloniae pharm. 10 no.2:143-144 1953. (CIML 25:1)

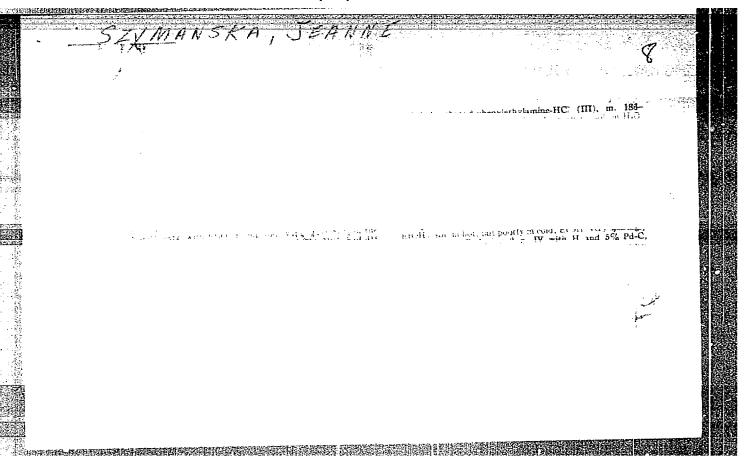
1. Of the Institute of Experimental Pharmacology and of the First Internal Clinic, Warsaw Medical Academy.

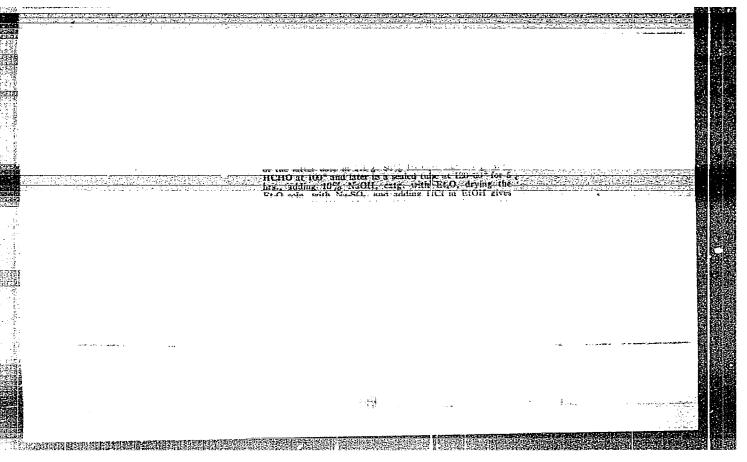
ROLSKI, S.; MAJCHERSZYK, J.; SZYMANSKA, J.; ZAKRZNYSKI, Z.

Preparation and pharmacodynamics of Veratrum album alkoloids. Acta Poloniae pharm. 11 no.4:229-241 1954.

1. Z Zakladu Chemii Farmaceutycznej Akademii Medycznej w Warszawie.
Kierownik: doc. dr St. Rolski. 2. Z Zakladu Farmakologii Eksperymentalnej Akademii Medycznej w Warszawie. Kierownik: prof. dr.
P. Kubikovski. 3. Z I. Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie. Kierownik: prof. dr A. Biernacki.

(VERATRUM ALKALOIDS,
album, prep. & pharmacol.)





SUCHY, E; SZYMANSKA, J; SAPINSKI, W; SROCZYNSKA, J.

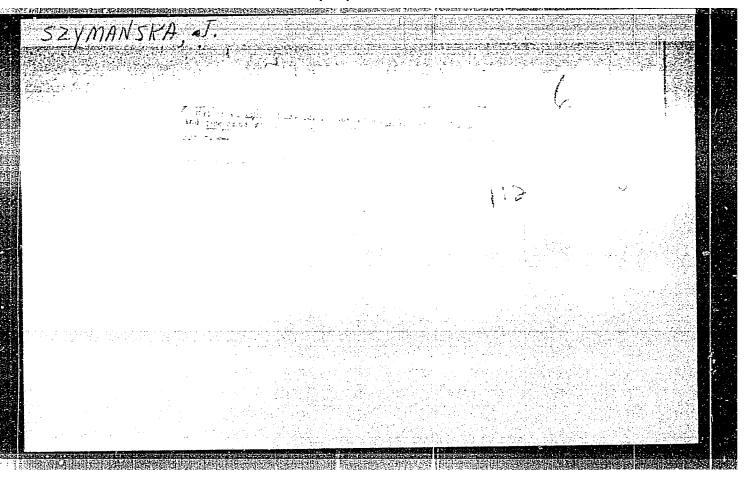
Diphteria carriers in nursery infants. Pediat.polska 30 no.4: 374-376 Apr '55.

1. Z Kliniki Propedeutyki Pediatri A.M. w Warszawie, Kierownik: prof. dr med. W. Szenajch. Z Kliniki Chorob Zakasnych Wieku Dzieciecego A.M. w Warszawie Kierownik: prof. dr med. J. Bogdanowciz. i ze Stacji Sanitarno-Epidemiologicznej w W-wie Kierownik: dr med. J. Jakobkiewicz. Warszawa, Działdowska 1/3.

(DIPHTHERIA, transmission

(DIPHTHERIA, transmission carriers in nursery inf.)

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754610012-4



SZYMANSKA, J.

Preliminary pharmacological investigations on new derivatives of quinazoline. Acta Pol. pharm. 22 no.1:87-88 '65.

KUBIKOWSKI, Piotr, prof. dr.; MAJCHERGZYK, Janina; SZYMANSKA, Janina

New derivatives of hydrazinophthalazine with hypotensive activity. Acta physiol. Pol. 16 no.2:289-296 Mr-Ap¹65.

1. Zaklad Farmakologii Eksperymentalnej Akademii Medycznej w Warszawie (Kierownik: prof. dr. P. Kubikowski).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754610012-4"

KOSTOWSKI, Wojciech; MAJCHERCZYK, Janina; SZYMANSKA, Janina

Studies on the action of new derivatives of bis-pyridylomethylamines on the cardiovascular system. I. Acta physiol. Pol. 16 no.2:297-302 Mr-Ap 65.

1. Zaklad Farmakologii Eksperymentalnej Akademii Medycznej w Warszawie. (Kierownik: proj. dr., P., Kubikowski).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754610012-4"

WIDY-WIRSKI, Feliks; SZYMANSKA, Krystyna

Colpomicroscopy as method of early detection of cancer of the uterine cervix in the light of comparative investigations. Gin. polska 28 no.1:109-118 Jan-Feb 57.

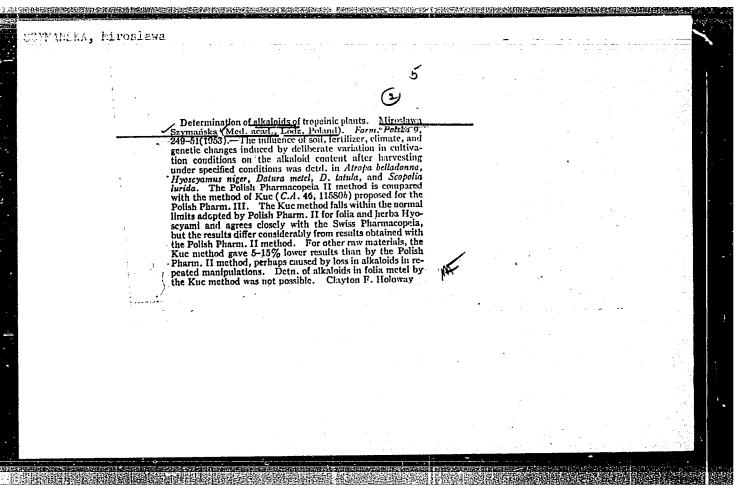
1. Z II Kliniki Poloznictwa i Chorob Kobiecych A.M. w Warszawie Kierownik: prof. dr. I. Roszkowski. II Klinika Poloznicza i Chorob Kobiecych A.M., Warszawa, Karowa 2.

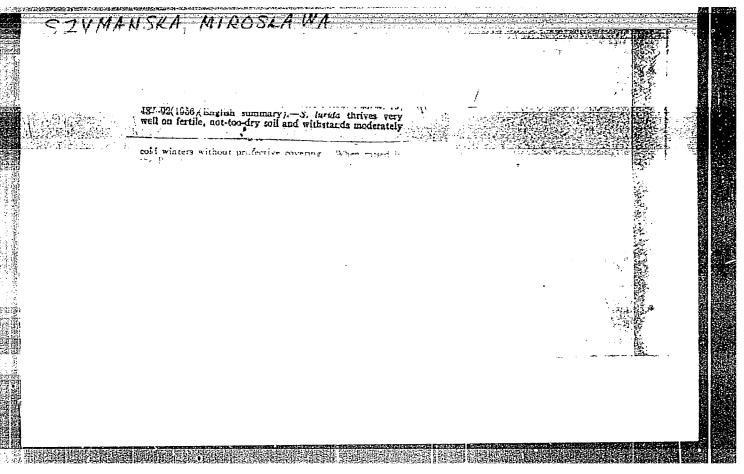
(CERVIX NEOPLASMS, diag. colpomicroscopy as method of early detection (Pol))

WIDY-WIRSKI, Feliks; SZYMANSKA, Krystyns

A simple method for early diagnosis of precancerous and cancerous conditions of the uterine cervix. Postery hig.med.dosw. 13 no.4:487-496 Jl-Ag 159.

(CERVIX UTERI neopl)





SKALMOWSKI, Tadeuz; SZYMANSKA, Urszula

On the problem of water metabolism in infectious hepatitis and jaundice in children. Pediat. pol. 36 no.6:597-603 161.

1. Z Oddzialu Zakaznego Woj. Szpit. Dziec. im. B.Krysiewicza w Poznaniu Dyrektor: dr med. M.Stabrowski Ordynator: dr med. T.Skalmowski. (DIURESIS) (HEPATITIS INFECTIOUS in inf & child)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754610012-4"

SZYMANSKA, Urszula; ZGO:ZALEWICZ, Bozena

entidation in the contract of the contract of

Tuberculin tests in infectious hepatitis in children. Pediat pol 36 no.9:927-932 S ¹61.

1. Z Oddzialu Zakaznego Wojewodzkiego Szpitala Dzieciecego w Poznaniu Dyrektor Szpitala: dr med. M. Stabrowski.

(HEPATITIS INFECTIOUS)

(TUBERCULIN REACTION in inf & child)

S/194/62/000/002/043/096 D201/D301

54,7600

AUTHORS: Ginter, J. and Szymańska, W.

TITLE: Measuring thermal e.m.f. in InSb

Referativnyy zhurnal, Avtomatika i radioelektronika, no. 2, 1962, abstract 2-4-5b (Bull. Acad. polon. sci., PERIODICAL:

现的存在,他也就是这种的现在,我们就是我们的是是不是我们的,我们们就是不是不是不是,我们会是这个人,我们们也不是不是,我们就是这种的,我们就是这种的,我们就是这

Sér. sci. math., astron. et phys., 1961, 9, no. 5,

419-421)

TEXT: The results are given of measuring thermal e.m.f. of five InSb samples with various impurity concentrations in the temperature range 100 - 400°K. The following technological method was used in measurements: The temperature difference between the two ends of the analyzed sample was measured with thermocouples, fixed directly at the sample by electrolytically deposited copper layer. The impurity concentrations were determined by measuring the Hall coefficient at the temperature of liquid nitrogen. / Abstracter's note: Complete translation. 7

Card 1/1

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ACC NR: AP6010792

and for x=0.15, $E_g=0.06$ eV. The photomagnetic effect was investigated at room temperature. High sensitivity to infrared radiation was established. The material with x=0.10 is sensitive to radiation from the visible range to wavelength of 10 microns. It was also established that the photomagnetic effect for x=0.10 depends on the frequency of incident radiation. This dependence is caused by the appearance of a thermal component (Nernst effect). The experimental results are presented in the form of curves and compared with published data. The results are discussed in detail in the light of existing literature. The authors thank Prof. L. Sosnowski for his interest in this work and discussions. The authors also thank Docent Dr. W. Wardzynski, J. Ginter, Dr. J. Mycielski, and Dr. J. Rauluszkiewicz for valuable comments they made in the course of this investigation. Orig. art. has: 7 figures.

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 006 / SOV REF: 002

Card 2/2 2 C

DVORZACZKOVA, Ivana; SZYMANSKA-BAJERSKA, Danuta

2 cases of Hamman-Rich syndrome. Gruzlica 29 no.9:805-813 S 161.

1. Z Zakladu Anatomii Patologicznej Wydzialu Lekarskiego Uniwersytetu Karola w Hradcu Krolowej Kierownik: prof. Sc. Dr MUDR A. Fingerland.

(PULMONARY FIBROSIS case reports)

KONIAR, Halina; SZYMANSKA-MALOTTKE, Renata

Sensitivity to erythromycin of Staphylococcus aureus from various origins. Med.dosw.mikrob. 12 no.2:119-124 '60.

1. Z Zakladu Mikrobiologii A.M. w Gdansku. Kierownik: prof.dr. S. Krynski.

(STAPHYLOCOCUS pharmacol.)

(ERYTHROMYCIN pharmacol.)

MAJCHERCZYK, Janina; SZYMANSKA-JACHIMCZAK, Eugenia

Comparative evaluation of the effect of teracycline on tooth and bone discoloration in young animals. Ped. Pol. 40 no.4: 355-362 Ap⁶5.

1. Z Zakladu Farmakologii Eksperymentalnej Akademii Medycznej w Warszawie (Kierownik: prof. dr. P. Kubikowski) i z Polikliniki Stomatologii Dzieciecej przy Klinice Stomatologii Zachowawczej Akademii Medycznej w Warszawie (Kierownik: prof. dr. J. Krzywicki).

SZYMANSKA-JACHIMCZAK, Eugenia Irena

Discoloration of teeth in children treated with tetracyclines. Czas. stomat. 18 no.12:1367-1372 D ' 65.

1. Z Polikliniki Stomatologii Dzieciecej przy Klinice Zachowaczej AM w Warszawie (Kierownik: prof. dr. J. Krzywicki).

SZYMANSKA-JACHIMCZAK, Eugenia Irena

Natal and neonatal teeth-incidence and localization. Czas. stomat. 18 no.11:1299-1303 N ' 65.

1. Z Polikliniki Stomatologii Dzieciecej przy Klinice Stomatologii Zachowawczej AM w Warszawie (Kierownik: prof. dr. J. Krzywicki).

SZYMANSKA-JACHIMCZAK, Eugenia

Possible hyperpigmentation of hard tissues following tetracycline therapy. Pol. tyg. lek. 19 no.2:69-71 Ja '64.

1. Z Polikliniki Stomatologii Dzieciecej Akademii Medycznej w Warszawie (kieronwiks prof. dr J. Krzywicki).

STRZELECKA, Maria; SZYMANSKA-JAGIELLO, Wanda

Influence of glycocorticoids on the eliciting of tuberculin reactions (preliminary report). Reumatologia (Warsz) 3 no.1: 53-56 '65.

1. Z Kliniki Pediatrycznej Studium Doskonalenia Lekarzy i Instytutu Reumatologicznego (Kierownik: prof. dr. med. E. Wilkoszewski; Dyrektor Instytutu: dr. med. W. Bruhl).

KRYNSKI, Stefan; BOROWSKI, Jerzy; WROCZYNSKI, Marian; NIEMIRO, Aleksandra; BECLA, Eugeniusz; GALINSKI, Janusz; SZYMANSKAMMALOTTKE, Renata

Significance of air microbiology in the epidemiology of hospital infections in a surgical clinic. Polski przegl. chir. 33 no.7/9: 838-889 '61.

1. Z Zakladu Mikrobiologii AM w Gdansku Kierownik: prof. dr S.Krynski
inz II Klimiki Chirurgicznej AM w Gdansku Kierownik: prof. dr K.Debicki.

(AIR microbiol) (HOSPITALS)

(SURGERY OPERATIVE compl)

KRYNSKI, Stefan; BOROWSKI, Jerzy; WROCZYNSKI, Marian; KONIAR, Halina; MACKIEWICZ, Michal; SAWLEWICZ, Ludwika; SZYMANSKA-MALOTTKE, Renata; SWIATECKA, Grazyna

Surgical patients as sensitive subjects and sources of hospital staphylococcal infections. Polski przegl. chir. 33 no.7/3:892 894 61.

l. Z Zakladu Mikrobiologii AM w Gdansku Kierownik: prof. dr S. Krynski i z II Kliniki Chirurgicznej AM w Gdansku Kierownik: prof. dr K.Debicki. (STAPHYLOCOCCAL INFECTIONS transm) (SURGERY OPERATIVE compl) (HOSPITALS)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754610012-4"

ACCESSION NR: AP4038545

P/0053/64/000/004/0190/0198

AUTHOR: Kryszewski, Marian; Kurozewska, Halina; Szymanski, Aleksander

TITLE: Dependence of organic dielectric direct current conductivity upon operating conditions and external factors

SOURCE: Przeglad elektroniki, no. 4, 1964, 190-198

TOPIC TAGS: semiconductor, solid state physics, dielectric, organic dielectric, ourrent conductivity, direct current conductivity, polystyrene, saran, thermoplastic resin, vinyl chloride, vinylidene chloride

ABSTRACT: The results of an analysis of direct current conductivity in high-molecular organic dielectrics are discussed. These dielectrics are polystyrene and saran (vinyl chloride and vinylidene chloride copolymer). The polystyrene structure was polar; the saran structure was non-polar. Authors found that polarization occurs in both types of polymers. This polarization causes a change in the current intensity flowing through the dielectric as a function of time. The polarization processes occur at a faster rate in the polar saran than in the non-polar polystyrene, i.e. a quasi-stationary ourrent is obtained after the passage of a smaller time interval in the case of saran. The depolarization currents, observed for both types of

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